

## ABSTRACT

A circuit board (100) having an insulator layer and a conductor (104)  
5 buried in the insulator layer, wherein the insulator layer has a first insulator (101)  
satisfying a relation  $\mu_r \geq \epsilon_r$ , assuming  $\epsilon_r$  is the dielectric constant and  $\mu_r$  is the  
relative permeability, and the conductor is substantially surrounded by the first  
insulator.